

## REMARKS

### Summary of Claim Status

Claims 1, 4-26, 28-38, 40-47, and 50-52 are pending in the present application after entry of the present amendment. Claims 1, 2, 6, 7, 15, 19, 20, 24, and 45-48 are rejected for the reasons discussed below. Applicants have canceled Claims 2 and 48, thereby rendering the rejection of these claims moot. Claims 3-5, 8-14, 16-18, 21-23, 25, and 49-51 are objected to as depending from rejected base claims, but indicated as allowable if properly rewritten in independent form. Claims 26, 28-38, 40-44, and 52 are allowed. Applicants thank the Examiner for this acknowledgement of patentable subject matter.

Applicants respectfully request favorable reconsideration of the claims and withdrawal of the pending rejections and objections in view of the present amendment and in light of the following discussion.

### Rejections Under 35 U.S.C. § 102

Claims 1-2, 15, 19, and 45-48 are rejected under 35 U.S.C. § 102(b) as being anticipated by Ong et al., U.S. Patent No. 5,821,772 ("Ong"). Applicants respectfully traverse the rejection with respect to all claims, and submit that Ong does not teach or disclose the claimed inventions. However, Applicants believe the rejection of Claim 1 is moot in light of the amendments to Claim 1. In particular, Applicants have amended Claim 1 to correspond to canceled Claim 3, which was indicated as allowable. Therefore, Applicants believe the amendment to Claim 1 places the claim in form for allowance, and respectfully request entry of the amendment and allowance of Claim 1.

Similarly, Applicants believe the rejection of Claim 45 is moot in light of the amendments to Claim 45. In particular, Applicants have amended Claim 45 to correspond to canceled Claim 49, which was indicated as allowable. Therefore, Applicants believe the amendment to Claim 45 places the claim in form for allowance, and respectfully request entry of the amendment and allowance of Claim 45.

Claims 15 and 19 depend from Claim 1 and thus include all the limitations of Claim 1. Claims 46 and 47 depend from Claim 45 and thus include all the limitations

of Claim 45. Applicants believe Claims 1 and 45, as amended, are in form for allowance. Therefore, Applicants believe Claims 15, 19, 45, and 46 are also in form for allowance, and respectfully request allowance of such claims.

#### Rejections Under 35 U.S.C. § 103

Claims 6 and 7 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Ong in view of New, U.S. Patent No. 6,288,570 ("New"). Applicants respectfully traverse the rejection with respect to all claims, and submit that Ong and New, taken alone or in any combination, do not teach or suggest the claimed inventions. However, Applicants believe the rejections are moot in light of the amendments to Claim 1, from which Claims 6 and 7 depend. Applicants submit that Claims 6 and 7 are in form for allowance for at least the same reasons as Claim 1 is believed allowable, and respectfully request allowance of such claims.

Claims 20 and 24 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Ong in view of Higashitsutsumi, U.S. Patent No. 5,226,063 ("Higashitsutsumi"). Applicants respectfully traverse the rejection with respect to all claims, and submit that Ong and Higashitsutsumi, taken alone or in any combination, do not teach or suggest the claimed inventions. However, Applicants believe the rejections are moot in light of the amendments to Claim 1, from which Claims 20 and 24 depend. Applicants submit that Claims 20 and 24 are in form for allowance for at least the same reasons as Claim 1 is believed allowable, and respectfully request allowance of such claims.

#### Objections

Claims 3-5, 8-14, 16-18, 21-23, 25, and 49-51 are objected to as being dependent from a rejected base claim, but indicated as otherwise allowable. Applicants thank the Examiner for this acknowledgement of allowable subject matter. As noted above, Applicants have amended Claim 1 to correspond to canceled Claim 3, and have amended Claim 45 to correspond to canceled Claim 49, thereby properly rewriting those claims in independent form.

Claims 4, 5, 8-14, 16-18, 21-23, and 25 depend from Claim 1 and thus include all of the limitations of Claim 1. Claims 50 and 51 have been amended merely to

maintain their dependency based on the cancellation of Claim 48. In particular, Claims 50 and 51 now depend from Claim 45 and thus include all of the limitations of Claim 45.

Based on the foregoing, Applicants believe Claims 1 and 45 are in form for allowance. Therefore, for at least the same reasons, Applicants believes Claims 4, 5, 8-14, 16-18, 21-23, 25, 50, and 51 are also in form for allowance, and allowance of such claims is respectfully requested.

### Conclusion

No new matter has been introduced by any of the above amendments. In light of the above amendments and remarks, Applicants believe that Claims 1, 4-26, 28-38, 40-47, and 50-52 are in condition for allowance, and allowance of the application is therefore requested. If action other than allowance is contemplated by the Examiner, the Examiner is respectfully requested to telephone Applicant's attorney, Justin Liu, at 408-879-4641.

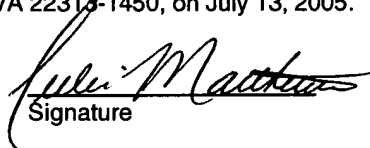
Respectfully submitted,



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I hereby certify that this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Commissioner for Patents, P.O. BOX 1450, Alexandria, VA 22313-1450, on July 13, 2005.

Julie Matthews  
Name

  
Signature